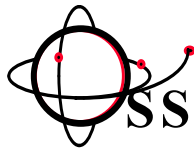


Constellation-X HQ Perspective

Paul Geithner

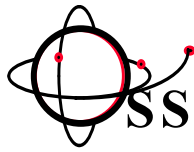
Beyond Einstein Program Executive

Paul.Geithner@nasa.gov



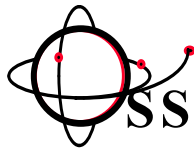
Con-X Standing

- Beyond Einstein is a new start in FY04
- Con-X launches targeted for 2013 & 2014
- Con-X is, and remains, high-priority
 - NAS ranking has not changed
 - Con-X and LISA are the *flagship* missions in Beyond Einstein



Columbia Accident and the Space Science Budget

- Columbia accident significantly affects Office of Space Science (OSS) budgeting
 - HST SM-4 was to occur Nov 2004
 - HST Program costs ~\$10M per month
 - Slips beyond Nov 2004 not budgeted
- Current OSS plan still includes SM-4, but:
 - SM-4 targeted for mid to late 2006
 - End-of-mission w/ retrieval by shuttle no longer viable
 - New plan is to perform controlled reentry by unmanned deorbit mission after HST stops producing science but before it becomes uncontrolled in orbit



OSS Budget Situation

- Awaiting FY04 NASA budget approval by Congress and sign-off by President

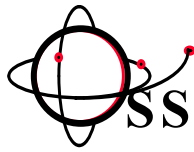
- Best guess is budget will be signed by new year

New liabilities since submission of FY04 budget:

- Columbia-related
 - ~2 year slip of SM-4 (~\$200M in FY04-05)
 - HST deorbit mission development (~\$300M+ in ~FY04-10)
- Other Astronomy & Physics
 - 2 to 6 month slip of GP-B launch to fix electronics problem (~\$10-30M in FY04)
 - SIRTf delay (~\$25M in FY04)
 - Swift delay (~\$10M+ in FY04)
 - Herschel & Planck adjustments (~\$5M+ in FY04)

How these liabilities will be financed is TBD, but many programs, including Beyond Einstein, may be affected

- *New liabilities must be addressed by OSS, and will be reflected in FY04 operating plan and subsequent-year budgets*



Looking Ahead

- Effect of OSS budget issues on Con-X funding, if any, will be determined soon
 - Budget process must run its course involving NASA HQ, OMB, Congress and the President over the next several weeks
- OSS plans to authorize official start of formulation for Beyond Einstein (i.e., begin Phase A) once FY04 budget is signed, regardless of budget outcome